

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002381

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4439 A61K31/192 A61K31/216 A61K31/165 A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 615 977 A (MERCK & CO INC) 21 September 1994 (1994-09-21) page 30, last line examples 18,19	1-13
Y	WO 03/018543 A (MERCK SHARP & DOHME) 6 March 2003 (2003-03-06) abstract examples 1,2,17-21,29-31,38,39,42-44	1-8, 11-13
Y	WO 02/081435 A (MERCK SHARP & DOHME ; OWENS ANDREW PATE (GB); WILLIAMS BRIAN JOHN (GB)) 17 October 2002 (2002-10-17) abstract examples 48,50,52-63,65-69,160-177,223-226,232,233 ----- -/--	1-8, 11-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the International search

10 August 2004

Date of mailing of the International search report

25/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Giacobbe, S

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002381

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WOLFE M S ET AL: "TWO TRANSMEMBRANE ASPARTATES IN PRESENILIN-1 REQUIRED FOR PRESENILIN ENDOPROTEOLYSIS AND GAMMA-SECRETASE ACTIVITY" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 398, no. 6727, 1999, pages 513-517, XP001010554 ISSN: 0028-0836 page 513, column 2, line 8 - line 14 abstract</p>	1-8, 11-13
Y	<p>WO 98/09603 A (UNIV LOMA LINDA MED ; WECHTER WILLIAM J (US); MCCracken JOHN D (US)) 12 March 1998 (1998-03-12) claims 1,6,9,10,43</p>	1-5,9-13
Y	<p>US 2002/018319 A1 (KUSHIRO SUNAO ET AL) 14 February 2002 (2002-02-14) examples 37,38 claims 1,6</p>	1-5,9-13
A	<p>US 5 723 616 A (HOUGHTON PETER G ET AL) 3 March 1998 (1998-03-03) the whole document</p>	6
A	<p>ANKERSEN, M. ET AL: "Growth hormone secretagogues: recent advances and applications" DRUG DISCOVERY TODAY CODEN: DDTDFS; ISSN: 1359-6446, vol. 4, no. 11, 1999, pages 497-506, XP002291825 figure 4</p>	6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/002381

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 13 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002381

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0615977	A	21-09-1994	US 5536716 A 16-07-1996
			AT 220071 T 15-07-2002
			AU 673552 B2 14-11-1996
			AU 5232093 A 23-06-1994
			BG 61979 B1 30-11-1998
			BG 99710 A 31-01-1996
			CA 2110670 A1 12-06-1994
			CN 1092071 A , B 14-09-1994
			CZ 9501514 A3 13-12-1995
			DE 69332075 D1 08-08-2002
			DE 69332075 T2 16-01-2003
			DK 615977 T3 22-07-2002
			EP 0615977 A1 21-09-1994
			ES 2177538 T3 16-12-2002
			FI 952863 A 09-06-1995
			HR 931486 B1 31-08-2003
			HU 9500324 A3 28-09-1995
			HU 72076 A2 28-03-1996
			JP 2509530 B2 19-06-1996
			JP 6263737 A 20-09-1994
			KR 203962 B1 15-06-1999
			MX 9307850 A1 30-06-1994
			NO 952295 A 10-08-1995
			NZ 258412 A 29-01-1997
			PL 309331 A1 02-10-1995
			PT 615977 T 31-10-2002
			RO 115804 B1 30-06-2000
			RU 2168512 C2 10-06-2001
			SI 9300646 A 30-09-1994
			SK 75995 A3 08-11-1995
			WO 9413696 A1 23-06-1994
			US 5652235 A 29-07-1997
			AT 178070 T 15-04-1999
			AU 673017 B2 24-10-1996
			AU 5232193 A 23-06-1994
			BR 1100850 A3 07-12-1999
			CA 2110672 A1 12-06-1994
			CN 1092767 A , B 28-09-1994
			CZ 9501515 A3 13-12-1995
			DE 69324148 D1 29-04-1999
			DE 69324148 T2 28-10-1999
			EP 0662481 A1 12-07-1995
			ES 2129072 T3 01-06-1999
			FI 952862 A 09-06-1995
			HR 931484 A1 30-04-1996
			HU 73228 A2 29-07-1996
			IL 107836 A 04-01-1998
			JP 2509147 B2 19-06-1996
			JP 7097367 A 11-04-1995
			MX 9307851 A1 30-06-1994
WO 03018543	A	06-03-2003	BR 0211635 A 13-07-2004
			CA 2456420 A1 06-03-2003
			EP 1421062 A1 26-05-2004
			WO 03018543 A1 06-03-2003
			US 2003114496 A1 19-06-2003
			CA 2442882 A1 17-10-2002
			EP 1379498 A1 14-01-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/002381

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03018543	A		US 2004116404 A1	17-06-2004
WO 02081435	A	17-10-2002	CA 2442882 A1	17-10-2002
			EP 1379498 A1	14-01-2004
			WO 02081435 A1	17-10-2002
			US 2004116404 A1	17-06-2004
WO 9809603	A	12-03-1998	US 6160018 A	12-12-2000
			AU 4479897 A	26-03-1998
			US 5981592 A	09-11-1999
			WO 9809603 A2	12-03-1998
			AU 6682298 A	29-09-1998
			CA 2283255 A1	17-09-1998
			EP 0966277 A1	29-12-1999
			JP 2001514655 T	11-09-2001
			WO 9840061 A1	17-09-1998
US 2002018319	A1	14-02-2002	JP 2002015538 A	18-01-2002
			CN 1339782 A	13-03-2002
			EP 1189230 A2	20-03-2002
US 5723616	A	03-03-1998	AU 7468596 A	15-05-1997
			BR 9610887 A	13-07-1999
			CA 2235511 A1	01-05-1997
			CZ 9801282 A3	15-07-1998
			EP 0863900 A1	16-09-1998
			HR 960494 A1	30-04-1998
			HU 9902095 A2	28-10-1999
			JP 11513984 T	30-11-1999
			PL 326428 A1	14-09-1998
			SK 51198 A3	04-11-1998
			WO 9715573 A1	01-05-1997
			US 6028196 A	22-02-2000